MAY 05 2015

Candice Longnecker
Granite Construction, Coalinga
P.O. Box 15287
Sacramento, CA 95851

RE: Notice of Final Action - Authority to Construct
Facility Number: C-590
Project Number: C-1150587

Dear Ms. Longnecker:

The Air Pollution Control Officer has issued the Authority to Construct permits to Granite Construction, Coalinga for replacement of the existing 120 MMBtu/hr asphalt dryer with a 135 MMBtu/hr asphalt dryer, add three aggregate bins and two aggregate conveyors, and add new dry lime processing equipment, at 38940 Highway 33, Coalinga, CA. Enclosed are the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permits was published on April 3, 2015. The District's analysis of the proposal was also sent to CARB on March 31, 2015. No comments were received following the District's preliminary decision on this project.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.
Ms. Candice Longnecker
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Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-6000.

Sincerely,

Arnaud Marjollet
Director of Permit Services
AM:st

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email
AUTHORITY TO CONSTRUCT (ATC)

QUICK START GUIDE

1. **Pay Invoice.** Please pay enclosed invoice before due date.

2. **Fully Understand ATC.** Make sure you understand ALL conditions in the ATC prior to construction, modification and/or operation.

3. **Follow ATC.** You must construct, modify and/or operate your equipment as specified on the ATC. Any unspecified changes may require a new ATC.

4. **Notify District.** You must notify the District's Compliance Department, at the telephone numbers below, upon start-up and/or operation under the ATC. Please record the date construction or modification commenced and the date the equipment began operation under the ATC. You may NOT operate your equipment until you have notified the District's Compliance Department.

5. **Source Test.** Schedule and perform any required source testing. See [http://www.valleyair.org/busind/comply/source_testing.htm](http://www.valleyair.org/busind/comply/source_testing.htm) for source testing resources.

6. **Maintain Records.** Maintain all records required by ATC. Records are reviewed during every inspection (or upon request) and must be retained for 5 years.

By operating in compliance, you are doing your part to improve air quality for all Valley residents.

For assistance, please contact District Compliance staff at any of the telephone numbers listed below.

Seyed Sadredin
Executive Director/Air Pollution Control Officer

**Northern Region**
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400  FAX: (209) 557-6475

**Central Region (Main Office)**
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000  FAX: (559) 230-6061

**Southern Region**
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500  FAX: 661-392-5585

www.valleyair.org  www.healthyairliving.com
AUTHORITY TO CONSTRUCT

PERMIT NO: C-590-9-8
LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION, COALINGA
MAILING ADDRESS: P O BOX 15287
SACRAMENTO, CA 95851
LOCATION: 38940 HIGHWAY 33
COALINGA, CA 93210

EQUIPMENT DESCRIPTION:
MODIFICATION OF ASPHALT CONCRETE BATCH PLANT WITH 120 MMBTU/HR NORTH AMERICAN LOW NOX BURNER SERVED BY BMG MODEL BH4505-S PULSE JET BAGHOUSE, A WARM ASPHALT MIX SYSTEM, A LIQUID ANTI-STRIP METERING SYSTEM AND TWO EXEMPT 30 KGAL ASPHALT OIL STORAGE TANKS WITH 2.1 MMBTU/HR NATURAL GAS FIRED HEAT TRANSFER SYSTEM AND DEMISTER SYSTEM: REPLACE DRYER WITH A 135 MMBTU/HR DRYER EQUIPPED WITH A GENCO EQUINOX LOW NOX BURNER WITH FLUE GAS RECIRCULATION

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101 and 40 CFR 60.92(a)(2)]

3. All equipment shall be maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]

4. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]

5. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201]

6. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]

7. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services
C-095-06 - May 2015 - 2PM - TOMS - Joint inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201]

9. There shall be no visible emissions in excess of 5% opacity for a period or periods aggregating more than three (3) minutes in any one hour. [District Rule 2201]

10. The baghouse shall be equipped with a pressure differential gauge to indicate a pressure drop ranging from 1" to 5" water column across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]

11. The Hot Mix Asphalt drum mixer burner must have an individual fuel flow metering device installed in the natural gas fuel supply line. [District Rule 2201]

12. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]

13. The baghouse shall have a control efficiency shall be at least 99%. [District Rule 2201]

14. Hot Mix Asphalt (asphaltic concrete) production shall not exceed either of the following limits: 8,000 tons per day or 822,150 tons per year. [District Rule 2201]

15. The Hot Mix Asphalt drum mixer burner shall be fired on natural gas fuel only. [District Rule 2201]

16. Natural gas fuel usage shall not exceed either of the following limits: 1,946,096 cubic feet per day or 200 million cubic feet per year. [District Rule 2201]

17. Particulate matter emissions from the baghouse shall not exceed 0.04 grains/dscf in concentration per New Source Performance Standards - 40 CFR 60, Subpart I, (Standards of Performance for Hot Mix Asphalt Facilities). [40 CFR 60.92(a)(1)]

18. Source testing to demonstrate compliance with the particulate matter (PM) emissions concentration (gr-PM/dscf) from the exhaust stack of the baghouse and particulate matter (PM10) emission rate per ton of asphalt produced (lb-PM10/ton) shall be conducted within 60 equipment operating days of initial startup. An equipment operating day is any day in which the drum dryer/mixer is operated where material is introduced into the drum dryer/mixer or processed by the drum dryer/mixer, or where fuel is combusted in the drum dryer. [40 CFR 60.8(a)]

19. Instead of testing for both PM and PM10 emissions, the results of the PM test may be used for compliance with the PM10 emissions limit provided the results include both the filterable and condensable (i.e. back-half) particulates, and that all measured particulate matter is assumed to be PM10. If this option is exercised, source testing shall be conducted using CARB Method 5 or EPA Method 5 (including condensable particulates). [District Rule 1081]

20. Source testing to determine the particulate matter concentration from the baghouse shall be conducted using EPA Method 5. [40 CFR 60.93(b)(1)]

21. Compliance with opacity limits shall be determined according to EPA Method 9. [40 CFR 60.93(b)(2)]

22. Emissions shall not exceed 0.008 lb-PM10/ton of Hot Mix Asphalt. [District Rule 2201]

23. Emissions from the burner shall not exceed any of the following limits: 0.0492 lb-NOx/MMBtu (or 4.3 ppmv NOx @ 19% O2), 0.24 lb-CO/MMBtu (or 34.5 ppmv CO @ 19% O2), 0.017 lb-VOC/MMBtu, or 0.19 lb-S0x/hr. [District Rules 2201 and 4309]

24. Source testing to measure NOx and CO emissions from this unit shall be conducted within 60 equipment operating days of initial startup and at least once every 24 months thereafter. An equipment operating day is any day in which the drum dryer/mixer is operated where material is introduced into the drum dryer/mixer or processed by the drum dryer/mixer, or where fuel is combusted in the drum dryer. [District Rules 2201 and 4309]

25. The following test methods shall be used: NOx - EPA Method 7E, CO - EPA Method 10, stack gas oxygen - EPA Method 3 or 3A, stack gas velocities - EPA Method 2, & stack gas moisture content - EPA Method 4. [District Rule 4309]

26. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309]
27. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309]

28. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]

29. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]

30. All test results for NOx and CO shall be reported in ppmv @ 19% O2 (or no correction if measured above 19% O2), corrected to dry stack conditions. [District Rule 4309]

31. Source testing to measure NOx and CO emissions from the asphaltic concrete batch plant shall be conducted utilizing one of the following options: (a) Test the unit using locally mined aggregate in the dryer. If the source test using locally minded aggregate fails, the operator may re-run the source test using aggregate from a different source; (b) Test the unit using aggregate from a source different from the source used during normal operations; (c) Test the unit using a heat-absorbing material in the dryer, but no aggregate; (d) Test the unit with no material in the dryer. [District Rule 4309]

32. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month in which asphalt is produced on at least five days or for at least 32 hours, whichever comes first (and in which a source test is not performed), using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 production days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309]

33. If either the NOx or CO concentrations corrected to 19% O2 (or no correction if measured above 19% O2), as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rule 4309]

34. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]

35. The permittee shall maintain records of: (1) the date and time of NOx, CO, and O2 measurements, (2) the O2 concentration in percent and the measured NOx and CO concentrations corrected to 19% O2 (or no correction if measured above 19% O2), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309]

36. The operator shall not manufacture for sale nor use within the District any of the following for penetrating prime coat, tack coat, dust palliative, or other paving and maintenance operations: (1) rapid cure cutback asphalt; (2) medium cure cutback asphalt (unless the National Weather Service official forecast of the high temperature for the 24 hour period following application is below 50°F); (3) slow cure asphalt which as produced for application, contains more than one-half (0.5) percent of organic compounds which evaporate at 500 degrees Fahrenheit or lower; (4) emulsified asphalt containing organic compounds, in excess of three (3) percent by volume, which evaporate at 500 degrees Fahrenheit or lower. [District Rule 4641]
37. The manufacturer of cutback and slow cure asphalt shall maintain records showing the types and amounts of cutback asphalt and slow cure asphalt which contain organic compounds produced and the destination of these products. Such records shall be maintained daily and retained and available for inspection by District personnel for a period of 5 years. [District Rule 4641]

38. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201]

39. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201]

40. Records of daily and annual natural gas fuel usage, and daily and annual Hot Mix Asphalt (asphaltic concrete) production shall be maintained. [District Rules 2201 and 1070]

41. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070]

42. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
AUTHORITY TO CONSTRUC

PERMIT NO: C-590-10-3

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION, COALINGA
MAILING ADDRESS: P O BOX 15287
SACRAMENTO, CA 95851

LOCATION: 38940 HIGHWAY 33
COALINGA, CA 93210

EQUIPMENT DESCRIPTION:
MODIFICATION OF AGGREGATE HANDLING OPERATION CONSISTING OF SEVEN COLD AGGREGATE FEED BINS WITH SEVEN BELT FEEDERS, ASSOCIATED BELT CONVEYORS, WATER SPRAY BARS, PARALLEL CONVEYOR BELT, AND TWO VIBRATING SCREENS PROVIDING RAW MATERIAL FOR A HOT MIX (C-0590-9) AND RECLAIMED ASPHALT PAVEMENT OPERATION: ADD THREE COLD AGGREGATE FEED BINS AND TWO CONVEYORS

CONDITIONS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. Moisture content of the material being processed, after application of wet suppression control, shall be at least 1.5% by weight or greater. [District Rule 2201]
4. All fugitive emission points shall be controlled using water spray system to minimize particulate matter emissions. [District Rule 2201]
5. Total feed bin aggregate raw material throughput shall not exceed 7,520 tons per day. [District Rule 2201]
6. Total aggregate raw material throughput for each aggregate conveyor #1 and #2 shall not exceed 6,000 tons per day. [District Rule 2201]
7. Total feed bin aggregate raw material throughput for each cold feed bin #1, #2, and #3 shall not exceed 4,000 tons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5850 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

Arnaud Majolet, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. There shall be no visible emissions in excess of 5% opacity for a period or periods aggregating more than three (3) minutes in any one hour. [District Rule 4101]

9. Emissions shall not exceed 0.00106 lb PM10 per ton of raw material throughput. [District Rule 2201]

10. Records of daily feed bin aggregate raw material throughput shall be maintained, retained on the premises for at least five years, and made readily available for District inspection upon request. [District Rule 2201]

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-590-18-0
ISSUANCE DATE: 05/05/2015

LEGAL OWNER OR OPERATOR: GRANITE CONSTRUCTION, COALINGA
MAILING ADDRESS: P O BOX 15287
SACRAMENTO, CA 95851

LOCATION: 38940 HIGHWAY 33
COALINGA, CA 93210

EQUIPMENT DESCRIPTION:
DRY LIME OPERATION CONSISTING OF A SCREW PUGMILL, A PUGMILL BELT CONVEYOR, AN ENCLOSED LIME FEEDER BELT, A LIME AUGER, AN UNLOADING LIME BLOWER, AND TWO LIME STORAGE SILOS SERVED BY TWO DUSTY DUSTLESS BAGHOUSES

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. Visible emissions from the dust collector serving the lime storage silo shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rules 2201 and 4101]
5. The dust collector shall be maintained and operated according to manufacturer's specifications. [District Rule 2201]
6. The dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
7. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
8. Replacement filters numbering at least 10% of the total number of filters shall be maintained on the premises. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO
9. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]

10. The differential pressure gauge reading range shall be established per manufacturer's recommendation at time of start up inspection. [District Rule 2201]

11. The maximum amount of lime received shall not exceed 100 ton/day. [District Rule 2201]

12. Particulate matter emissions from this operation shall not exceed 1.6 lb-PM10/day. [District Rule 2201]

13. The material processed in the pugmill and pugmill conveyor shall have a moisture content of at least 3% by weight. [District Rule 2201]

14. Moisture content of the material processed in the pugmill and pugmill conveyor shall be measured on monthly basis and when requested by the District. [District Rule 2201]

15. The percent moisture shall be determined by weighing an approximately 2-lb sample of lime/aggregate, bringing the sample to dryness in a drying oven, then weighing the dried sample. The weight difference divided by the dry weight multiplied by 100% is the moisture content. [District Rule 2201]

16. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201]

17. Records of all maintenance of the dust collector, including all change outs of filter media, shall be maintained. [District Rules 1070 and 2201]

18. Records of daily amount of lime received (in tons) each day shall be maintained. [District Rules 1070 and 2201]

19. Records of monthly moisture content of lime/aggregate processed in the pugmill and pugmill conveyor shall be maintained. [District Rules 1070 and 2201]

20. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070]